

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known see 37 C.F.R. 1.5)

09/7 44852

INTERNATIONAL APPLICATION NO.

PCT/EP99/05523

INTERNATIONAL FILING DATE

30 JULY 1999

(EARLIEST) PRIORITY DATE CLAIMED

31 JULY 1998

TITLE OF INVENTION

**NUCLEIC ACID MOLECULES ENCODING β -AMYLASE, PLANTS
WHICH SYNTHESIZE A MODIFIED STARCH, GENERATION
PROCESSES AND USES**

APPLICANT(S) FOR DO/EO/US

Claus FROHBERG

Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).
4. ☒ The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). — Not enclosed
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

**PCT/RO/101, PCT/ISA/210, PCT/IB/308, 306
Sequence Listing Diskette, Statement to Support Filing and
Submission in Accordance with 37 C.F.R. §§ 1.821-1.825
References for IDS, 1 page Abstract, 1 page Drawing**

EXPRESS MAIL

Mailing Label Number: **EL742669254US**

Date of Deposit: **January 30, 2001**

I hereby certify that this paper or fee is being deposited with the United States Postal Service

"Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents and Trademarks, Box PCT Washington, DC 20231.

Charles Jackson
(Typed or printed name of person mailing paper or fee)

Charles Jackson
(Signature of person mailing paper or fee)

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.40)

INTERNATIONAL APPLICATION NO.

ATTORNEY'S DOCKET NO.

09/744852

PCT/EP99/05523

514413-3864

21. ☒ The following fees are submitted:**Basic National Fee (37 CFR 1.492(a)(1)-(5)):**(CALCULATIONS /PTO
USE ONLY)

Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2) paid to USPTO
and International Search Report not prepared by the EPO or JPO \$1000.00

International preliminary examination fee (37 C.F.R. 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO \$ 860.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but
International search fee (37 CFR 1.445(a)(2)) paid to USPTO \$ 710.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)
but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$ 690.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)
and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00

ENTER APPROPRIATE BASIC FEE AMOUNT = (\$ 860.00)

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

25 Claims /Number Filed / Number Extra /Rate (\$

Total Claims / 25 - 20 = / 5 /X \$18.00 (\$ 090.00

Independent Claims / 1 - 3 = / /X \$80.00 (\$ 000.00

MULTIPLE DEPENDENT CLAIM(S) (if applicable) /+ \$270.00 (\$

TOTAL OF ABOVE CALCULATIONS = (\$ 950.00)

☐ Applicant claims small entity status. See 37 C.F.R. 1.27. The fees indicated above
are reduced by 1/2. (\$

SUBTOTAL = (\$ 950.00)

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f)). +

TOTAL NATIONAL FEE = (\$ 950.00)

Fee for recording the enclosed assignments (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + (\$

TOTAL FEES ENCLOSED = (\$ 950.00)

(Amount to be: \$
refunded:

(charged: \$

a. ☒ A check in the amount of \$ 950.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.

A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit
Account No. 50-0320. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the
application to pending status.

SEND ALL CORRESPONDENCE TO:

William F. Lawrence, Esq.
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NEW YORK, NEW YORK 10151

Dated: January 30, 2001

SIGNATURE

William F. Lawrence, Esq.

NAME

28,029

REGISTRATION NUMBER

09/7 44852

JC07 Rec'd PCT/PTO 30 JAN 2001

Attorney Docket No. 514413-3864

New U.S. Patent Application filed **January 30, 2001** for application entitled:

**NUCLEIC ACID MOLECULES ENCODING β -AMYLASE, PLANTS WHICH
SYNTHESIZE A MODIFIED STARCH, GENERATION PROCESSES AND USES**

corresponding to PCT/EP99/05523

filed July 30, 1999

Express Mail No.: EL742669254US

Date of Deposit: January 30, 2001

I hereby certify that this application and the accompanying papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231.

Charles Jones

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